

FINAL REPORT

Work Orders: 8D02009

WECK LABORATORIES, INC.

Report Date:

4/06/2018

Received Date:

4/2/2018

Turnaround Time:

5 workdays

Phones: Fax: (562) 275-4252 (562) 921-6101

P.O. #:

Billing Code:

Attn: Charlene King

Project: City of Paramount

Client: Water Replenishment District

4040 Paramount Blvd. Lakewood, CA 90712

DoD-ELAP #L2457 • EPA-UCMR #CA00211 • Guam-EPA #17-008R • ISO 17025 #L2457.01 • LACSD #10143 • NJ-DEP #CA015

This is a complete final report. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories certifies that the test results meet all requirements of TNI unless noted by qualifiers or written in the Case Narrative. This analytical report must be reproduced in its entirety.

Dear Charlene King,

Enclosed are the results of analyses for samples received 4/02/18 with the Chain-of-Custody document. The samples were received in good condition, at 1.8 °C and on ice. All analyses met the method criteria except as noted in the case narrative or in the report with data qualifiers.

Reviewed by:

Valerie Rejuso Project Manager













FINAL REPORT

WECK LABORATORIES, INC.
Water Replenishment District

Project Number: City of Paramount

Project Manager: Charlene King

Reported:

04/06/2018 09:58

4040 Paramount Blvd. Lakewood, CA 90712

Sample Summary

Sample Name	Sampled By	Lab ID	Matrix	Sampled	Qualifiers
1910105020/EPTDS from MWD	Carlos Navarro	8D02009-01	Water	04/02/18 10:56	
1910105022W13D/Well 13 Disinfection Station	Carlos Navarro	8D02009-02	Water	04/02/18 10:32	
1910105994/DSMRT for Well 15	Carlos Navarro	8D02009-04	Water	04/02/18 10:46	
1910105024W15D/Well 15 Disinfection Station	Carlos Navarro	8D02009-05	Water	04/02/18 11:06	
1910105991/DSMRT for MWD	Carlos Navarro	8D02009-06	Water	04/02/18 10:39	
1910105992/DSMRT for Well 13	Carlos Navarro	8D02009-07	Water	04/02/18 10:19	
1910105993/DSMRT for Well 14	Carlos Navarro	8D02009-08	Water	04/02/18 10:07	

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Lakewood, CA 90712

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04/06/2018 09:58



Sample Results

Sample:	1910105020/EPTDS from MWD				Sa	ampled:	04/02/18 10:56 by Ca	rlos Navarro
	8D02009-01 (Water)							
Analyte			Result	MRL	Units	Dil	Analyzed	Qualifie
lexavalent Cl	nromium by IC							
Method: EPA	A 218.6	Batch ID: W8D0299	Instr: LC13	Prepared: 0	04/05/18 09:18		Analyst: dil	
Chromiun	n 6+		0.18	0.10	ug/l	5	04/05/18 13:17	
Sample:	1910105022W13D/Well 13 Disinf	ection Station			Sa	ampled:	04/02/18 10:32 by Ca	rlos Navarr
	8D02009-02 (Water)							
Analyte			Result	MRL	Units	Dil	Analyzed	Qualifie
lexavalent Cl	nromium by IC							
Method: EPA	A 218.6	Batch ID: W8D0299	Instr: LC13	Prepared: 0	04/05/18 09:18		Analyst: dil	
Chromiun	n 6+		0.14	0.10	ug/l	5	04/05/18 13:28	
Sample:	1910105994/DSMRT for Well 15				Sa	ampled:	04/02/18 10:46 by Ca	rlos Navarr
	8D02009-04 (Water)							
Analyte	()		Result	MRL	Units	Dil	Analyzed	Qualifie
lexavalent Cl	nromium by IC							
Method: EPA	A 218.6	Batch ID: W8D0299	Instr: LC13	Prepared: 0	14/05/18 09:18		Analyst: dil	
Chromium	16+		ND	0.10	ug/l	5	04/05/18 13:40	M-0
Sample:	1910105024W15D/Well 15 Disinf	ection Station			Sa	ampled:	04/02/18 11:06 by Ca	rlos Navarr
·	8D02009-05 (Water)					·	·	
Analyte	(,		Result	MRL	Units	Dil	Analyzed	Qualifie
lexavalent Cl	nromium by IC							
Method: EPA	A 218.6	Batch ID: W8D0299	Instr: LC13	Prepared: 0	04/05/18 09:18		Analyst: dil	
Chromiun	n 6+		0.30	0.10	ug/l	5	04/05/18 13:52	
Sample:	1910105991/DSMRT for MWD				Sa	ampled:	04/02/18 10:39 by Ca	rlos Navarr
·	8D02009-06 (Water)					·	,	
Analyte			Result	MRL	Units	Dil	Analyzed	Qualifie
	romium by IC							
Method: EPA	A 218.6	Batch ID: W8D0299	Instr: LC13	Prepared: 0	4/05/18 09:18		Analyst: dil	
Chromiun	n 6+		0.17	0.10	ug/l	5	04/05/18 14:04	
Sample:	1910105992/DSMRT for Well 13				Sa	ampled:	04/02/18 10:19 by Ca	rlos Navarr
•	8D02009-07 (Water)						, ,	
Analyte	1_02000 0. (.rater)		Result	MRL	Units	Dil	Analyzed	Qualific
-	nromium by IC						,	-
	A 218.6	Batch ID: W8D0299	Instr: LC13	Prepared: 0	4/05/18 09:18		Analyst: dil	
wiethou: EPA								



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4040 Paramount Blvd.

Lakewood, CA 90712

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Sample Results

(Continued)

Sample:	1910105993/DSMRT for Well 14 Sampled: 04/02/18 10:07 by Carl										
	8D02009-08 (Water)										
Analyte			Result	MRL	Units	Dil	Analyzed	Qualifier			
Hexavalent Chromium by IC											
Method: EPA 218.6		Batch ID: W8D0299	Instr: LC13	Prepared: 04	Prepared: 04/05/18 09:18		Analyst: dil				
Chromium 6+			0.13	0.10	ug/l	5	04/05/18 14:27				



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Quality Control Results

Hexavalent Chromium by IC										
·				Spike	Source		%REC		RPD	
Analyte	Result	MRL	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifier
Batch: W8D0299 - EPA 218.6										
Blank (W8D0299-BLK1)				Prepared & A	nalyzed: 04/0	5/18				
Chromium 6+	ND	0.020	ug/l		_					
LCS (W8D0299-BS1)				Prepared & A	nalyzed: 04/0	5/18				
Chromium 6+	5.18	0.020	ug/l	5.00		104	90-110			
Matrix Spike (W8D0299-MS1)	Source: 8C2	9073-06		Prepared & A	nalyzed: 04/0	5/18				
Chromium 6+	5.23	0.020	ug/l	5.00	0.0190	104	88-112			
Matrix Spike (W8D0299-MS2)	Source: 8C2	9073-07		Prepared & A	5/18					
Chromium 6+	5.47	0.020	ug/l	5.00	0.154	106	88-112			
Matrix Spike Dup (W8D0299-MSD1)	Source: 8C2	9073-06		Prepared & A	nalyzed: 04/0	5/18				
Chromium 6+	5.31	0.020	ug/l	5.00	0.0190	106	88-112	2	10	
Matrix Spike Dup (W8D0299-MSD2)	Source: 8C2	Source: 8C29073-07			nalyzed: 04/0	5/18				
Chromium 6+	5.54	0.020	ug/l	5.00	0.154	108	88-112	1	10	



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Notes and Definitions

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ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected above the MDL.	at or
Dil	Dilution	
dry	Sample results reported on a dry weight basis	
RPI	Relative Percent Difference	
% F	Percent Recovery	
Sou	Sample that was matrix spiked or duplicated.	
MD	Method Detection Limit	
MR	The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of contract the MRL is also known as Limit of Quantitation (LOQ) and Detection Limit for Reporting (DLR)	ıfidence.
MD	Minimum Detectable Activity	
NR	Not Reportable	
TIC	Tentatively Identified Compound (TIC) using mass spectrometry. The reported concentration is relative concentration based on the nearest in	iternal

Due to the nature of matrix interferences, sample was diluted prior to analysis. The MDL and MRL were raised due to the dilution.

standard. If the library search produces no matches at, or above 85%, the compound is reported as unknown.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.

An Absence of Total Coliform meets the drinking water standards as established by the California State Water Resources Control Board (SWRCB)

All results are expressed on wet weight basis unless otherwise specified.

All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS 002.

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Client agrees to Terms & Conditions at:

Weck Laboratories, Inc.

CHAIN OF CUSTODY RECORD

Analytical Laboratory Services - Since 1964

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14859 East Clark Avenue : Industry : CA 91745 Tel 626-336-2139 ♦ Fax 626-336-2634 ♦ www.wecklabs.com							STANDARD							01002007		
Tel 626-336-213	39 ♦ Fax 6:	26-336-263	34 ♦ 1										Page <u>1</u> _Of <u>1</u>			
CLIENT NAME:				PROJECT:				F	NALY	SES R	EQUES	STED		SPECIA	L HANDLING	
														gradine	Same Day Rush 150	ጋ%
Water Replenishm	ent District			City of Paramount			4							1	24 Hour Rush 100%	,
ADDRESS:				PHONE: 562-921-5521								1 1			48-72 Hour Rush 75	1%
4040 Parmount Blvd				FAX:					ľ					N.	4 - 5 Day Rush 30%	,
Lakewood, Ca 90712				EMAIL: <u>cking@wrd</u>	.org		i								Rush Extractions 50	
PROJECT MANAGEF				SAMPLER /			-								10 - 15 Business Da	
Charlene King				Week / to alone			ω,	8.6						QA/QC Data Package Charges will apply for weekends/h		
ID#	DATE	TIME	SMPL			# OF	3 21							Method of Sh		s/nolidays
(For lab Use Only)	SAMPLED	SAMPLED	TYPE	SAMPLE IDENTIFICATION/S	SITE LOCATION	CONT.	၂ မွ		İ					COMMENTS		
	4/2/18	In El.	0144	10404050007577700 (L ALAUP		Ι								1970	
	11/11/0	1056	GVV	1910105020/EPTDS fro 1910105022W13D/Well		1	Х	 	-	ļ		++		Fld Temp	11.20	<u> </u>
	4	1032	GW	Disinfection Station		1	х							Fld Temp	19.20 21.00	
	420000		GW	1910105023W14D/Well Disinfection Station	14	7								f***1 -1 *T* - 4		5
	4/2/18	1040			- MAY - 11 - 4 PM	 	X		+		<u> </u>	++		Fld Temp	19.9C	01+11
	144116	1	GW	1910105994/DSMRT for 1910105024W15D/Well		1	Х	 		1		 -		Fld Temp	19,90	
		1106	GW	Disinfection Station		1	х							Fld Temp	21.8	C
		1039	GW	1910105991/DSMRT for	· MWD	1	х							Fld Temp	20.80	7
		1019	GW	1910105992/DSMRT for	Well 13	1	х							Fld Temp	20.6 C	,
		1007	GW	1910105993/DSMRT for	Well 14	1_	х							Fld Temp	20.36	
	!		ļ													
	2															
RELINQUISHED	BY J	<u></u>	1 3 5	1/8 342	REQUIVED	/BY	<u>-</u> 4/:	2/18	15	:40	2		MPLE Co	ONDITION: ¿	SAMPLE T AQ=Aqueo NA= Non A SL = Sludg	Aqueous
RELINQUISHED BY DATE			E / TIME RECEIVED BY		4710					Received On ice			N DW = Drini	king Water ste Water Water		
			E / TIME RECEIVED BY								4	ed at Lab		Y / SO = Soil SW = Soil SW = Soil OL = Oil OT = Other	d Waste	
PRESCHEDULED RU OVER UNSCHEDULE			PRIOR	SPECIAL REQ	UIREMENTS / I	BILLIN	G INF	ORMATIO	NC							